

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together

with applicable fee(s), to: Mail

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 Commissioner for Patents  
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DEC 18 2006

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All other correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless otherwise directed or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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BURR & BROWN  
 PO BOX 7068  
 SYRACUSE, NY 13261-7068

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

12/19/2006 HADELR3 00000012 10730754

01 FC:1501 1400.00 OP  
 02 FC:1504 300.00 OP  
 03 FC:0001 300.00 OP

Melissa T. Kuczynski (Depositor's name)  
 Melissa T. Kuczynski (Signature)  
 12/13/06 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/730,754	12/08/2003	Yukihisa Takeuchi	789_118 CIP	4467

TITLE OF INVENTION: ~~ELECTRON EMITTER~~

A HIGH EMISSION, LOW VOLTAGE ELECTRON EMITTER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	02/09/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
GUHARAY, KARABI	2879	313-311000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Burr & Brown  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

NGK Insulators, Ltd.

Nagoya City, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 3

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☒ A check is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 50-1446 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date

Typed or printed name

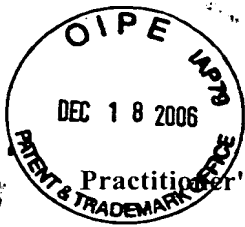
Stephen P. Burr

Registration No.

32,970

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Notice of Allowance Date: November 9, 2006

Practitioner's Docket No.: 789\_118 CIP

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of: Yukihiisa TAKEUCHI, Tsutomu NANATAKI, Iwao OHWADA and Takayoshi AKAO

Ser. No.: 10/730,754

Group Art Unit: 2879

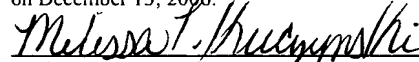
Filed: December 8, 2003

Examiner: Karabi Guharay

For: A HIGH EMISSION, LOW VOLTAGE ELECTRON EMITTER

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 13, 2006.

  
Melissa T. Kuczynski

**LETTER ACCOMPANYING ISSUE FEE TRANSMITTAL**


Sir:

Filed herewith is the executed Issue Fee Transmittal for the above-referenced application. Applicants' undersigned representative has annotated the Issue Fee Transmittal to change the title from "ELECTRON EMITTER" to --A HIGH EMISSION, LOW VOLTAGE ELECTRON EMITTER--. This change was made in the Amendment filed February 23, 2006 in response to the Examiner's objection to the title as outlined in the Office Action mailed December 12, 2005. Notwithstanding the above, the PTO still printed the Issue Fee Transmittal using the original title.

Applicants respectfully submit that the PTO should issue the Letters Patent using the amended title outlined above.

Should there be any questions regarding this matter, the appropriate Patent and Trademark Office official is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,

  
Stephen P. Burr  
Reg. No. 32,970

December 13, 2006

Date

SPB:mtk

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